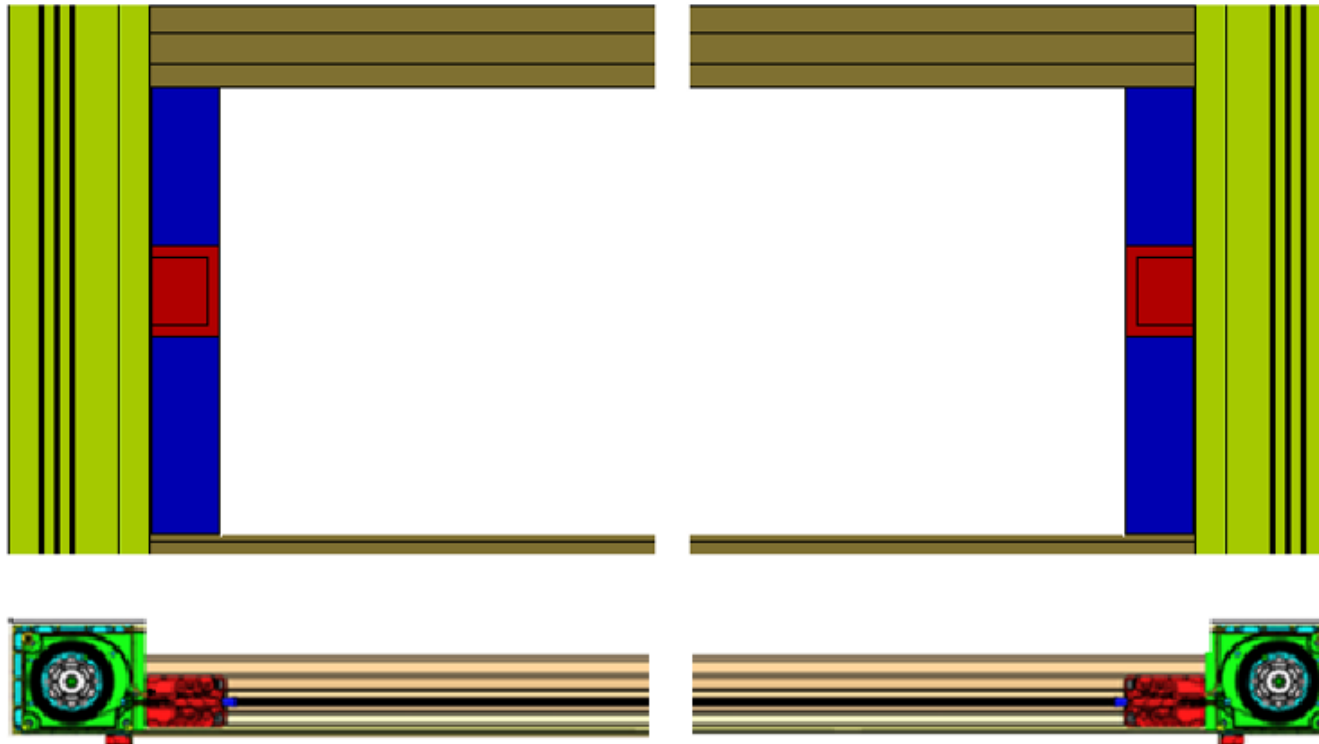


Wizard Screens

100mm Integrated Horizon Frame
2 Sided Frame - Single

1. Read fully before beginning
2. Min. 2 people recommended

! Call 604-299-4426, or email support@wizardscreens.com prior to starting if you have any questions



Screen orientation in frame

Tools

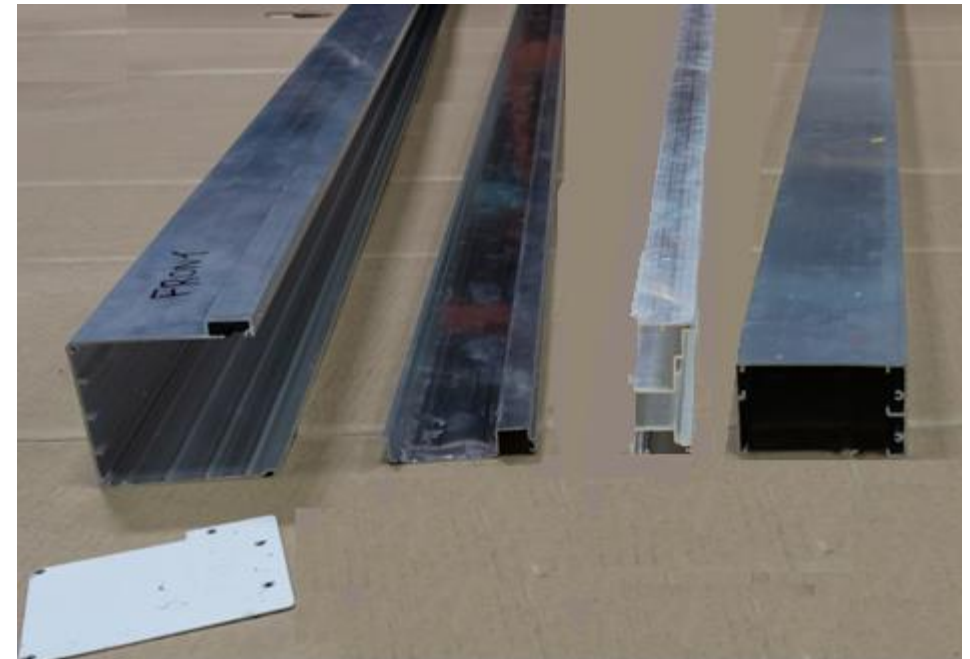
1. Power Drill / Driver
2. Straight-edge / 2-way Laser
3. Shims
4. Ladder

Components List for 2-sided frame - **SINGLE**

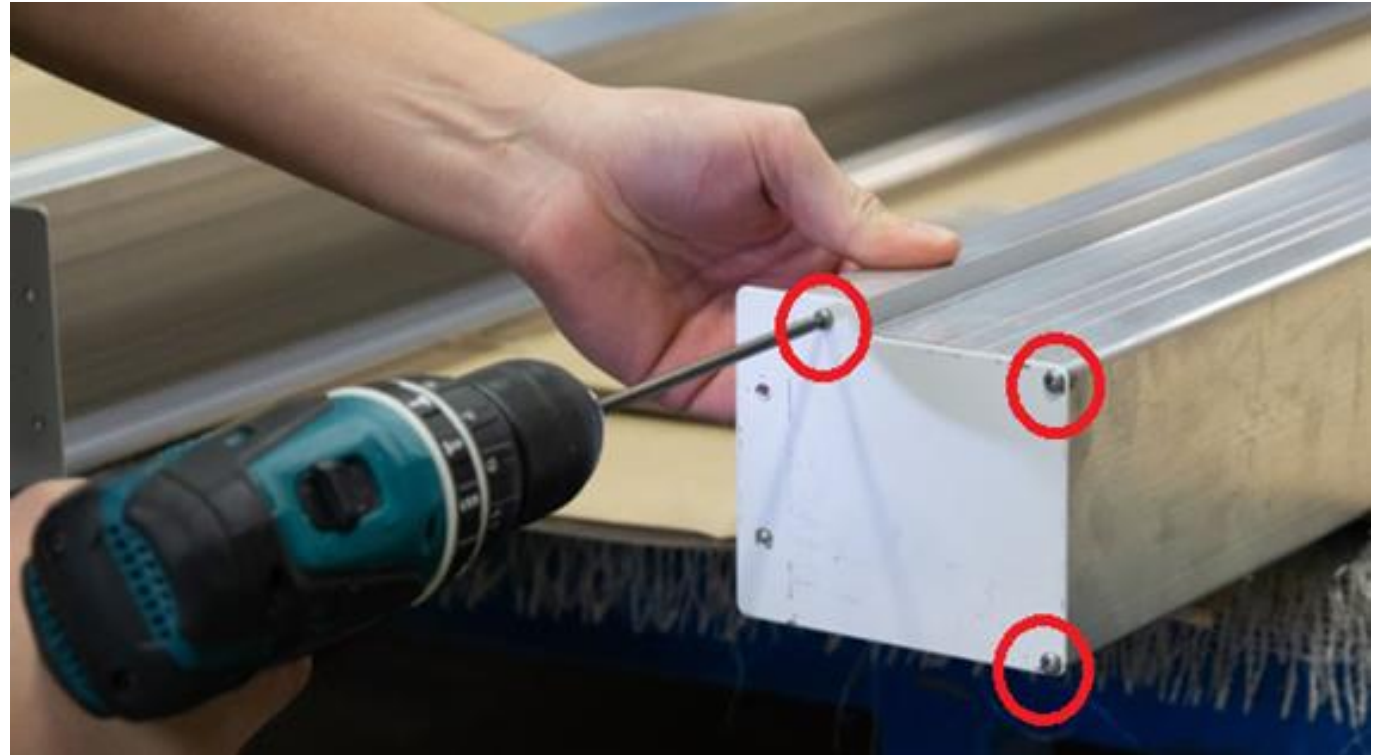
1. Header
2. Header Insert
3. Jamb
4. Jamb Block (jamb block located inside jamb)
5. *Jamb Filler **mill**
6. End plates
7. Screw pack

You do not require the Housing Alignments jig or locator pins

***Mill Jamb Filler not included if you order screen at the same time**



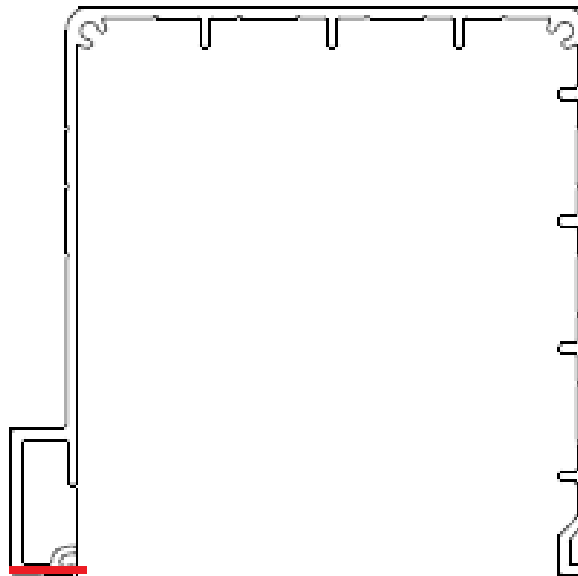
3 - #6 x 3/4" self-tapping screws provided



! Make sure jamb block is flush top and bottom once screw is installed.

Position the header onto the jamb extrusion

! Ensure that you matched the profiles as illustrated before fastening in the next step

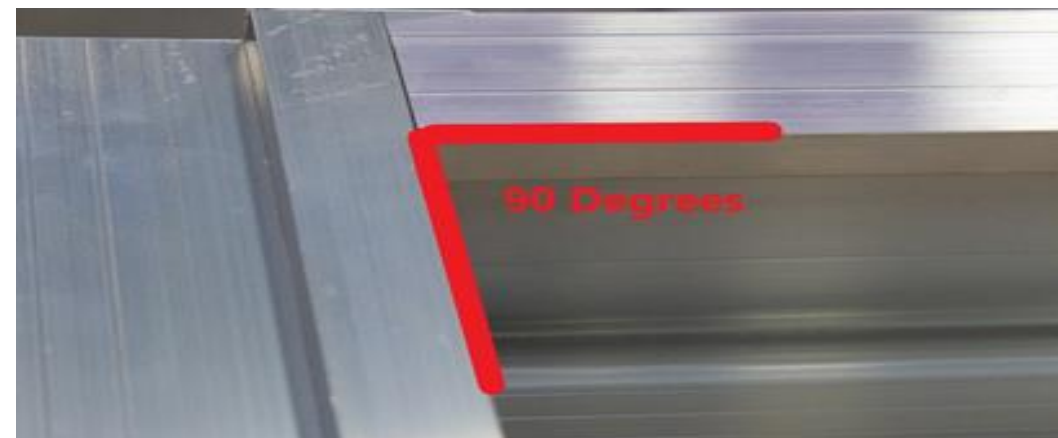


2 - #6 x 1 1/2" self tapping screws provided for each side

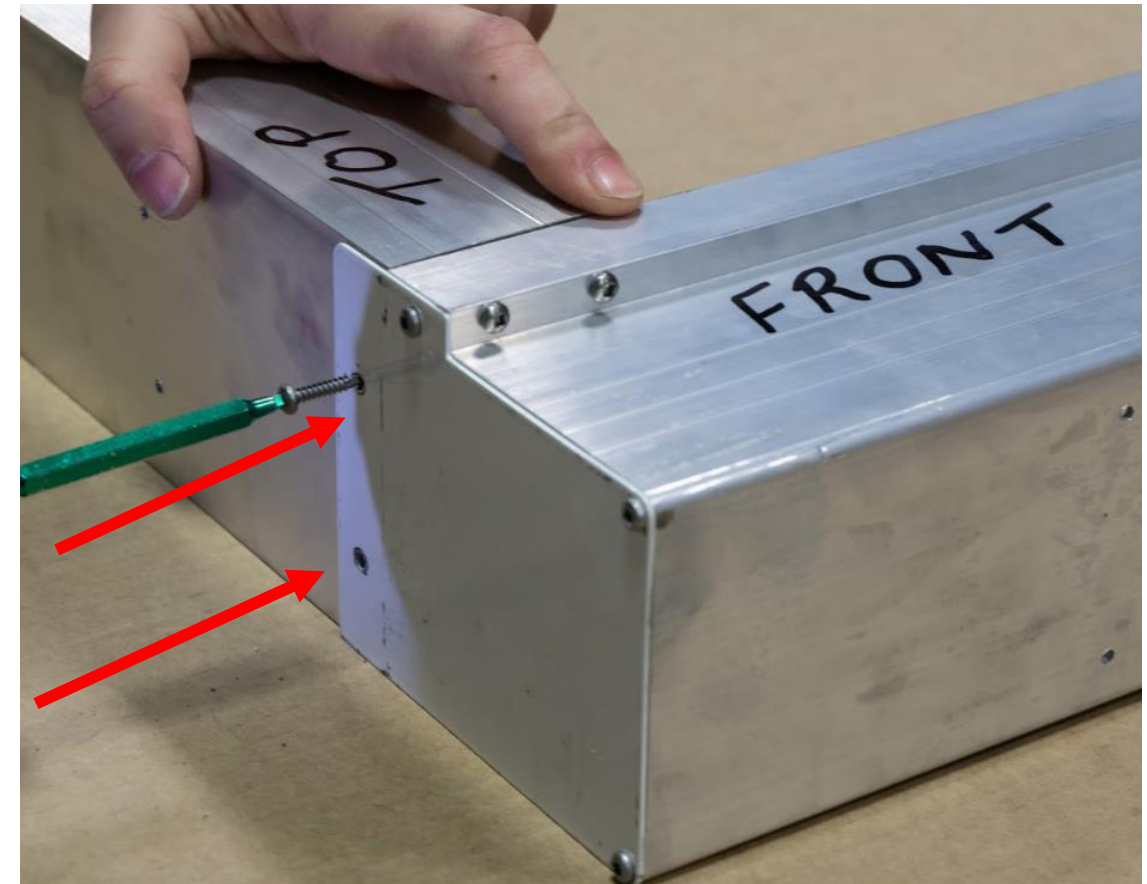
Place the aluminum header(s) tight to the jamb



! Make sure corner is even/90 degrees and there are no gaps (>1/16") in the connection points



#6 x 1/2" self tapping screws provided for each side
Attach from the **top** through the 2 holes in each end plate



Pre check rough opening for plumb, level and square.

When frame goes into rough opening it needs to be squared off, shimmed, and screwed into the rough opening so it is plumb, level, square and straight - pay special attention to bottom surface.

! The same goes for sides and top.



- 1) Lift frame into opening. If installed inside the house, “front” faces to the interior and the back to the exterior.
- 2) Drill on **guide lines** and screw frame into rough opening using #8 x 2” self tapping screws or equivalent depending on the mounting surface - **Install paired screws every 12” - 16” down the jamb**
- 3) Once complete, re-check install for plumb, level and square, make sure there are no bows or bends in the aluminum



Install jamb inserts - note orientation, and push the jamb insert all the way down tight to the floor

These help hold the integrity of the frame while construction continues - these are removed once the installation of the screen begins

With the jamb filler installed, check frame for Plumb, Level, Square, Straightness, and no Twists which is caused by overtightening the anchors.

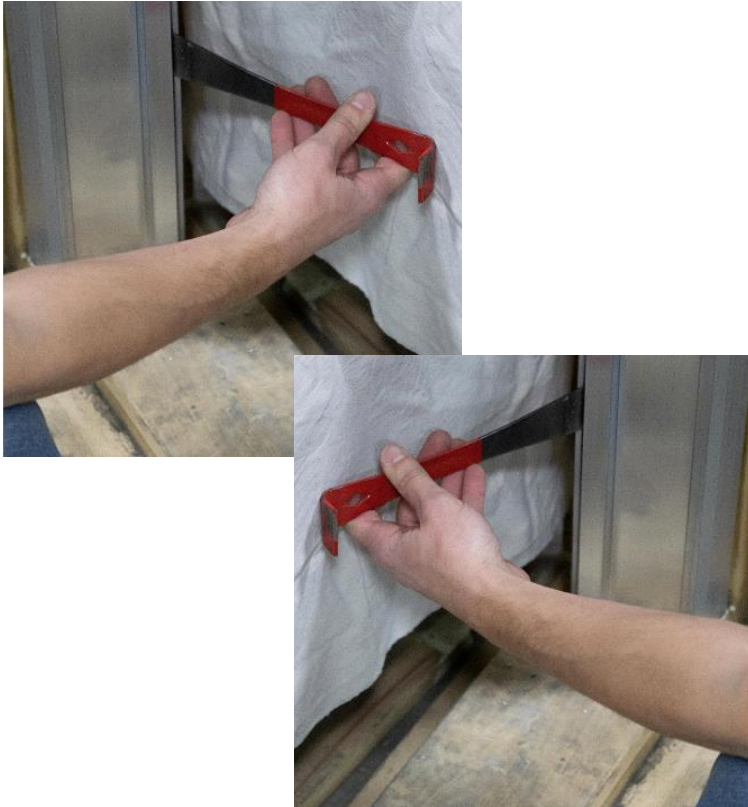
It is recommended that the screen be installed as late as possible in the construction phase to avoid any damage.



Installing the Screen

Before Installing the Screen: Check the Frame is still Plumb, Level, Square and not Twisted

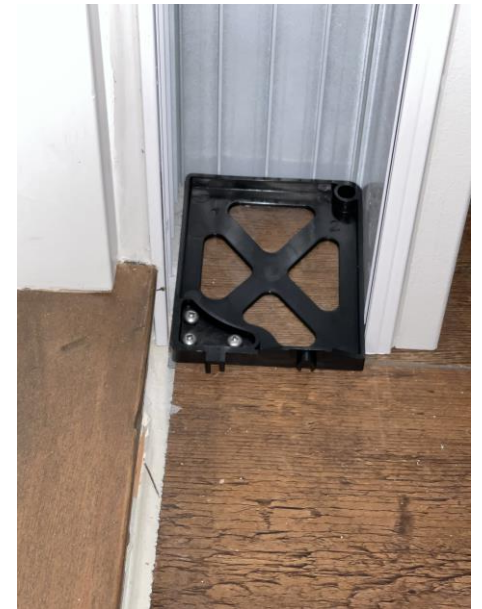
Carefully remove jamb fillers



Check that the
frame is square,
straight, level,
and plumb.

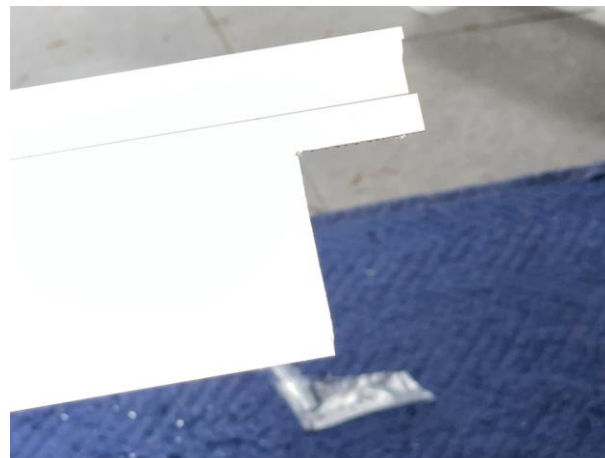
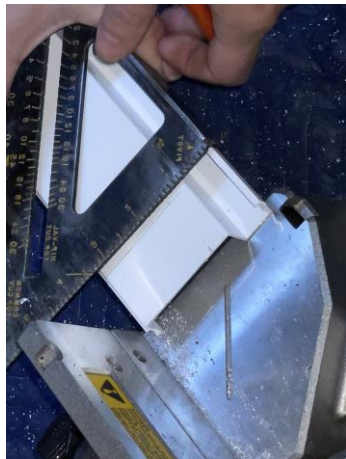
Re-adjust if
necessary.

Screw down locators
with alignment jig



Trace and cut:

1. **same width** of the header insert's **track channel**.
2. **height a little less than** header insert's height



Trace and cut the jamb filler's *protruded* profile onto the end of the header insert. (Header insert shown upside-down)



***NOTE:** The header insert should be cut $\frac{1}{4}$ " **short**. This will allow room for the screen housing to be installed (next page).

Install housing. Lean
top in and drop down.



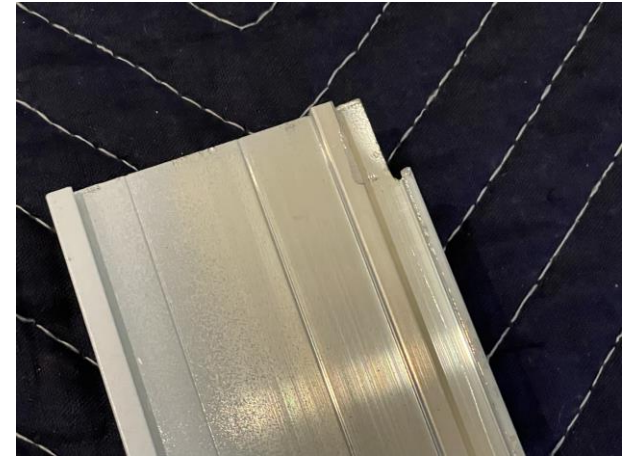
Position of header
insert / pull-bar
(tracks not yet
installed)



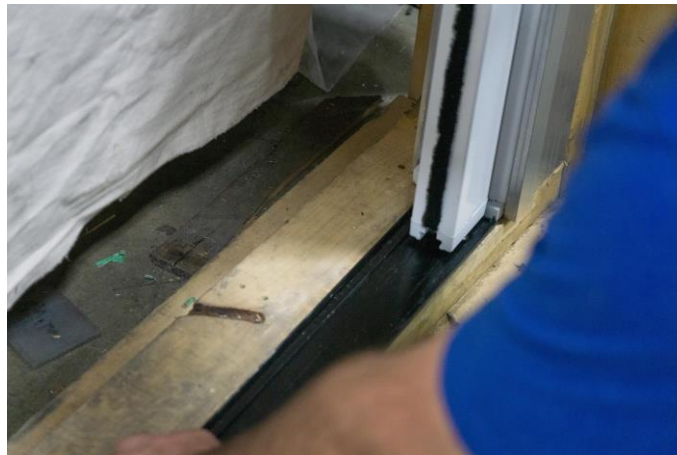
Release brake using supplied
RED wedge



Notch the receiver end of the lower fixed track as shown.



AND



Using the supplied track cut-off , insert it through the pull-bar and slide around nipple and tight against housing, see picture. Drill and countersink lower track mount in pairs 12" - 18" inches. Fasten down ensuring track mount is level.

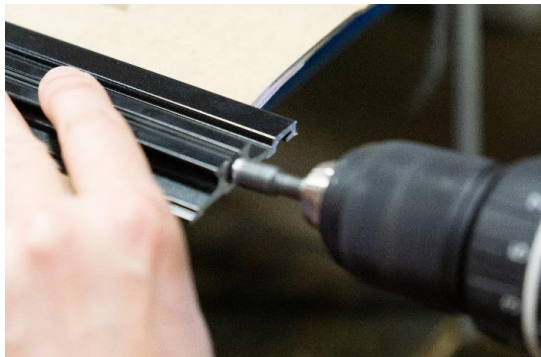


Cut Upper Track runner at the housing end to fit tight between upper housing endcap and latches/track joiners

Cut Lower Track runner at the housing end to fit tight between spigot on the lower housing endcap and latches/track joiners

Counter sink and debur track runner after cutting – Do not over cut runners

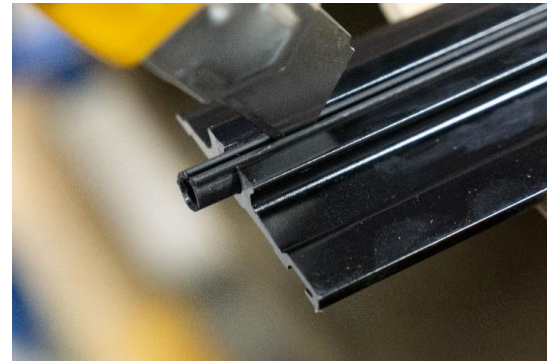
Slightly counter-sink the
black track runner



Barely trim the top
corner off at 45°



Clear debris



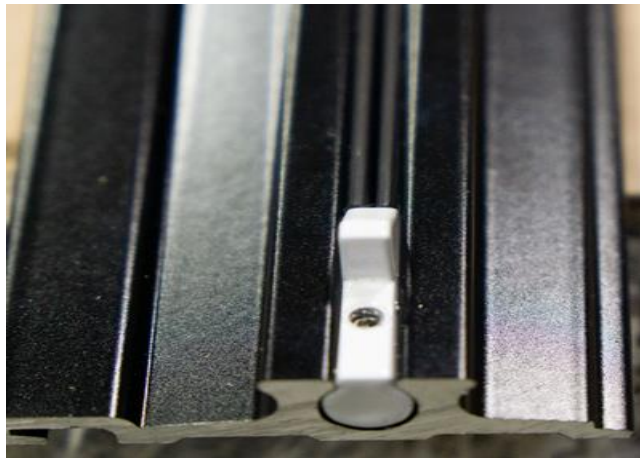
Pull it out approx. 8"



Lift pull bar, gently slide track runner onto the zipper teeth, tight to nipple on lower endcap – see highlight in last panel below

At the receiver end of tracks you have brake latches on upper and lower tracks (shown in white below)

Remove the track cut-off



Drop pull bar, feed lower track through the pull bar



Interlock the track into the lower track mount



Track tight to housing



Insert the spline



Tilt the upper track into the header, and slide it back into the empty jamb



With the brake released, feed the track through the pull bar and onto the mesh



Release it to let it sit in place in the track channel



- 1) *Frame is Plumb, Level, Square, and not twisted*
- 2) *Housing is flat on the ground AND plumb*
- 3) *Housing mesh slot has not been squeezed during the install*
- 4) *Housing is square with the tracks*
- 5) *The M3 pin is correctly aligned and in position on the top track*
- 6) *Top track is tight to the housing*
- 7) *The lower track is tight to the housing and on the housing endcap spigot*
- 8) *Tracks are levelled parallel and plumb front to back across the opening*
- 9) *Zippers are in the correct position in the housing endcaps*
- 10) *Track have the dry silicon spray on them*